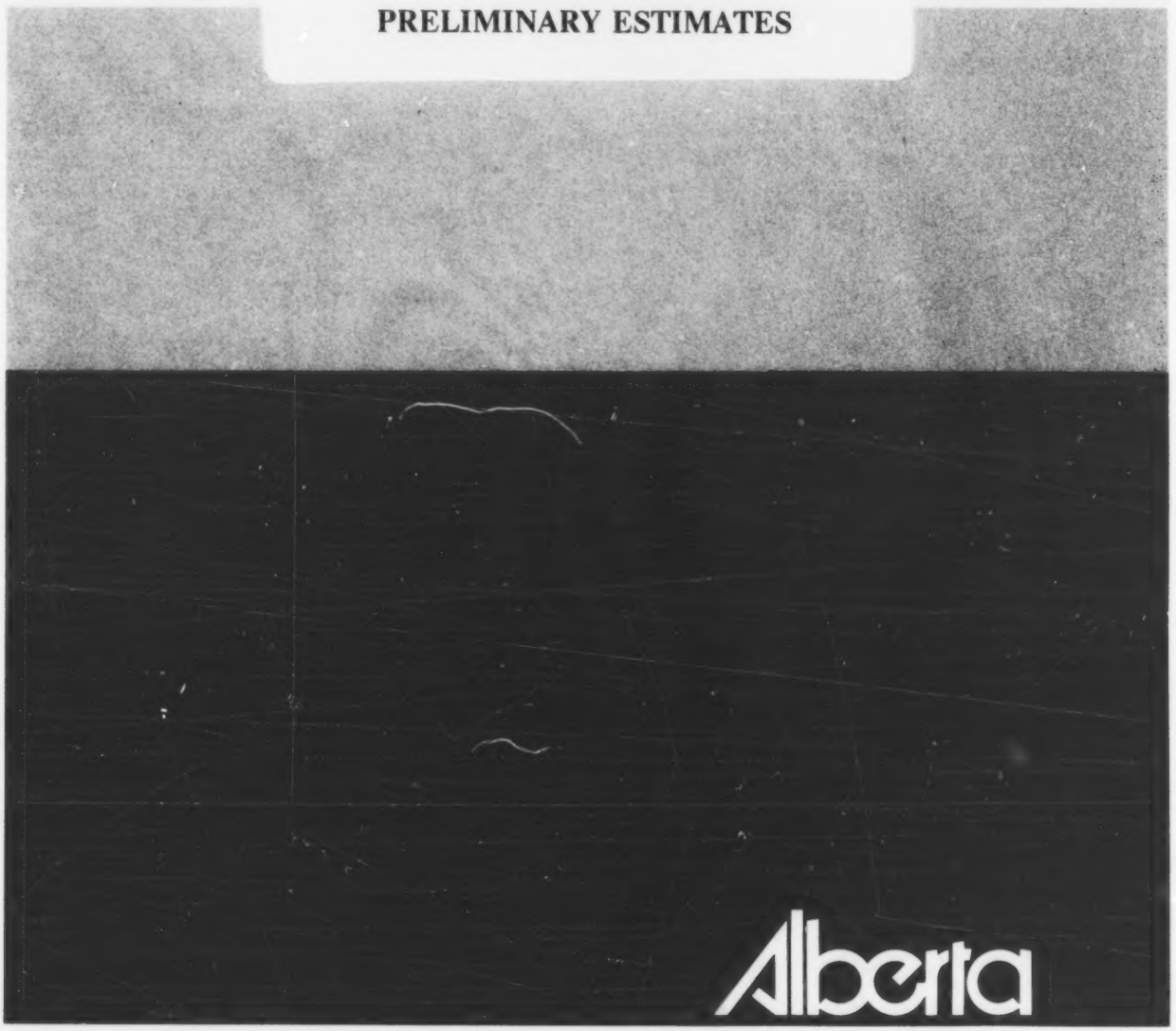
# ALBERTA GROSS DOMESTIC PRODUCT

# 1990

# PRELIMINARY ESTIMATES



Alberta

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Bureau of Statistics

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# ALBERTA GROSS DOMESTIC PRODUCT

## 1990

## PRELIMINARY ESTIMATES

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## PREFACE

The Alberta Bureau of Statistics will release the annual Alberta Economic Accounts, 1990 publication later this year. This preliminary report contains the consolidated GDP tables and is provided to users who require more timely indicators as to how the economy performed in 1990. For the second year, we are providing new information for the current year (1990) only. All historical (1961-1989) data remains unchanged from the 1989 Alberta Economic Accounts publication. Revisions to the historical data and to the preliminary 1990 estimates will occur when the final 1990 publication is released.

The complete set of tables that are found in the annual Alberta Economic Accounts publication have also been updated. This detailed information is available only on diskette. The diskette also contains tables showing the details of manufacturing exports and value of non-farm business inventories by industry, which are not available in publication form.

This report contains data for 1985 to 1990 for GDP and its components for the income and expenditure accounts in current dollars; the expenditure account in constant (1986) dollars; implicit price indexes; and GDP by industry. Growth rates for these tables are also included. Historical data for all tables for 1961 to 1989 are available in the 1989 Alberta Economic Accounts publication, or on a diskette which can be obtained by contacting:

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## TABLE OF CONTENTS


PAGE

INTRODUCTION ..... 1

THE ALBERTA ECONOMY IN 1990 ..... 2


## TABLES


Table 1 Gross Domestic Product, Income Based ..... 6

Table 2 Gross Domestic Product, Expenditure Based ..... 7

Table 3 Percentage Change in Gross Domestic Product, Income Based (Selected Components) ..... 8

Table 4 Percentage Change in Gross Domestic Product, Expenditure Based (Selected Components) ..... 9

Table 5 Gross Domestic Product in Constant (1986) Dollars ..... 10

Table 6 Implicit Price Indexes, Gross Domestic Product, 1986=100 ..... 11

Table 7 Percentage Change in Gross Domestic Product in Constant (1986) Dollars, (Selected Components) ..... 12

Table 8 Percentage Change for Implicit Price Indexes, 1986=100 ..... 13

Table 9 Gross Domestic Product at Factor Cost, by Industry ..... 14

Table 10 Percentage Change in Gross Domestic Product at Factor Cost, by Industry ..... 15

## INTRODUCTION

This report contains summary tables detailing Alberta's economic production in 1990 as measured by preliminary estimates of gross domestic product (GDP). The tables include preliminary estimates of GDP and its components for both the income and expenditure accounts. We also have included tables showing constant dollar estimates of the expenditure account, implicit price indexes, and gross domestic product by industry as well as year-over-year percent changes for each of the tables. As noted in the preface, final data will be released later this year with the publication, Alberta Economic Accounts, 1990.

This publication contains only the tables listed above. The complete set of tables contained in the annual Alberta Economic Accounts publication is also available on diskette.

The narrative and explanatory notes presented in this report are condensed in comparison to the annual Alberta Economic Accounts publication, which contains more complete information on concepts and methodology as well as more detailed information on the different sectors of the Alberta economy.

## THE ALBERTA ECONOMY IN 1990

Preliminary estimates show that the value of goods and services produced in Alberta, as measured by GDP in current dollars, reached a level of $72.6 billion in 1990, an increase of 8.7% over the 1989 level. The economy was led by a very strong construction sector, with residential construction jumping 25.3% and the non-residential component increasing 13.2%. Exports had the highest rate of growth since 1981 (9.8%), mainly due to rising oil prices brought on by the conflict in the Persian Gulf.

In constant (1986) dollars, the domestic economy improved with Final Domestic Demand (FDD - the sum of personal and government expenditures, plus gross fixed capital formation) growing by 3.3%, compared to the 2.3% rate attained in 1989.

The balance of trade in real terms declined $1.1 billion (23.7%) during the year as imports grew by 6.1% while exports rose by only 0.8%, mainly due to a decline in the volume of oil exported. The net result for the economy was a growth of 0.5% for real GDP.

The income of individuals was not affected by the declining balance of trade, as the growth rate for Personal Income improved from 7.3% in 1989 to 8.6% in 1990.

### Highlights of the Expenditure Account

- Consumer expenditures in current dollars registered a 7.5% rate of growth. An increase of 8.5% in the expenditure on services led this gain, while expenditures on durable goods went up 8.1%. In constant (1986) dollars, the level of spending increased 2.3%.

- Government current expenditures, which measures spending by all levels of government was up 6.6% in 1990. In real terms government spending was up 0.6%, somewhat lower than the 2.0% growth in 1989.

- Gross fixed capital formation was the strongest area of growth in the economy. The combined growth for all types of investment was 10.8% (6.9% real), with business residential construction having the highest rate of growth at 25.3% (17.1% real). Non-residential construction also had a good year, with activity increasing 13.2% (8.0% real). The growth rate for investment in new machinery and equipment declined slightly from 1989 with an increase of 1.2% (2.1% real).

- The value of physical change in inventories declined by $86 million in 1990 after increasing for both 1988 and 1989. Declines of $180 million in non-farm inventories and of $15 million in grain in commercial channels more than offset a build-up of $109 million in farm inventories.

- Total exports out of Alberta (this includes exports to the rest of Canada and the rest of the world) increased by 9.8% in 1990, the highest rate of growth since 1981. However, most of this increase was a result of increasing prices, as real exports went up only 0.8%. The price of crude oil increased by 24.3% as a result of the conflict in Kuwait, while the volume of oil exported declined by 2.4%.

- The value of imports into Alberta increased by 6.2% in current dollars (6.1% real). The growth rate in constant dollars was about the same as current dollars due to the unique situation of declining prices for some commodities (e.g., computers, primary metals) offsetting price increases for other commodities.

**Highlights of the Income Account**

- Wages and salaries grew by 8.2% due to the combined effects of increasing wages and a 1.4% increase in the number of employed workers. The 1990 growth rate was down slightly from the rates achieved in 1988 and 1989, but was still much higher than the rates of approximately 2% registered in 1986 and 1987.

- Corporation profits continued to rebound from the decline in 1988 with an increase of 9.2%, up from the growth of 3.8% recorded in 1989. Most of this increase can be attributed to the rise in oil prices.

- Accrued farm income declined again last year with a drop of 29.3%. Combined with the decrease of 38.8% measured in 1989, the level of farm income has dropped 56.7% from the record $1.1 billion attained in 1988.

- The rate of growth for interest and miscellaneous investment income went up from 10.7% in 1989 to 14.8% last year.

**Other Highlights**

Gross Domestic Product by Industry

Alberta's construction industry led the economy with a growth of 14.9%, the third year in a row with strong growth. Mining rebounded from a decline of 3.5% in 1988 and an increase of 6.0% in 1989 with a growth of 13.5%. Forestry was one of the top three growth industries in Alberta for the fourth consecutive year, climbing by 9.5%. Agriculture fell for the second year, dropping from the peak attained in 1988 to a level lower than was attained in 1986.

## Personal Income

Personal income grew 8.6% compared to 7.3% in 1989. The main sources of this growth were wages and salaries which increased 8.2%, and interest income of persons which rose 11.9%. Farm income was the only component of personal income to decline, dropping 27.1%.

## TABLE 1

## GROSS DOMESTIC PRODUCT, INCOME BASED

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | (MILLIONS OF DOLLARS) | | | | | |
| WAGES, SALARIES AND SUPPLE-MENTARY LABOUR INCOME (2) | 26,619 | 27,285 | 27,826 | 30,325 | 32,906 | 35,601 |
| CORPORATION PROFITS BEFORE TAXES | 12,416 | 6,417 | 8,611 | 7,650 | 7,937 | 8,669 |
| INTEREST AND MISCELLANEOUS INVESTMENT INCOME | 12,179 | 8,858 | 8,376 | 8,985 | 9,948 | 11,420 |
| ACCRUED NET INCOME OF FARM OPERATORS FROM FARM PRODUCTION (3) | 359 | 856 | 443 | 1,122 | 687 | 486 |
| NET INCOME OF NON-FARM UNINCORP-ORATED BUSINESS, INCLUDING RENT | 2,360 | 2,489 | 2,620 | 2,828 | 2,994 | 3,223 |
| INVENTORY VALUATION ADJUSTMENT | -128 | -5 | -205 | -208 | -162 | -245 |
| **NET DOMESTIC INCOME AT FACTOR COST** | **53,805** | **45,900** | **47,671** | **50,702** | **54,310** | **59,154** |
| CAPITAL CONSUMPTION ALLOWANCES | 9,360 | 9,971 | 10,178 | 10,480 | 11,157 | 11,578 |
| BUSINESS | 8,484 | 9,049 | 9,213 | 9,459 | 10,076 | 10,411 |
| GOVERNMENT | 876 | 922 | 965 | 1,021 | 1,081 | 1,167 |
| **GROSS DOMESTIC PRODUCT AT FACTOR COST** | **63,165** | **55,871** | **57,849** | **61,182** | **65,467** | **70,732** |
| INDIRECT TAXES | 4,268 | 3,871 | 4,735 | 5,197 | 5,622 | 5,929 |
| SUBSIDIES | -2,709 | -2,441 | -2,169 | -1,958 | -2,099 | -1,840 |
| RESIDUAL | -1,200 | -748 | -1,657 | -1,877 | -2,242 | -2,241 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **63,524** | **56,553** | **58,758** | **62,544** | **66,748** | **72,580** |

(1) PRELIMINARY – SUBJECT TO REVISION

(2) INCLUDES MILITARY PAY AND ALLOWANCES

(3) INCLUDES ADJUSTMENT ON GRAIN TRANSACTIONS

NOTE: THIS TABLE CAN ALSO BE RETRIEVED FROM ASIST, MATRIX 6100

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 2

## GROSS DOMESTIC PRODUCT, EXPENDITURE BASED

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | (MILLIONS OF DOLLARS) | | | | | |
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 26,673 | 28,410 | 29,655 | 31,880 | 34,744 | 37,362 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES (2) | 9,633 | 9,942 | 10,119 | 10,554 | 11,230 | 11,966 |
| GROSS FIXED CAPITAL FORMATION | 13,874 | 12,668 | 13,126 | 15,595 | 15,845 | 17,560 |
| GOVERNMENT | 2,082 | 2,093 | 1,873 | 1,784 | 1,942 | 2,072 |
| RESIDENTIAL CONSTRUCTION | 2 | 3 | 3 | 5 | 5 | 3 |
| NON–RESIDENTIAL CONSTRUCTION | 1,898 | 1,849 | 1,606 | 1,507 | 1,657 | 1,774 |
| MACHINERY AND EQUIPMENT | 182 | 241 | 264 | 272 | 280 | 295 |
| BUSINESS | 11,792 | 10,575 | 11,253 | 13,811 | 13,903 | 15,488 |
| RESIDENTIAL CONSTRUCTION | 1,616 | 1,664 | 2,014 | 2,311 | 2,764 | 3,463 |
| NON–RESIDENTIAL CONSTRUCTION | 6,791 | 5,713 | 5,674 | 6,810 | 6,296 | 7,125 |
| MACHINERY AND EQUIPMENT | 3,385 | 3,198 | 3,565 | 4,690 | 4,843 | 4,900 |
| **FINAL DOMESTIC DEMAND** | **50,180** | **51,020** | **52,900** | **58,029** | **61,819** | **66,888** |
| INVENTORIES | 22 | 752 | −244 | 145 | 210 | −86 |
| NON–FARM | 130 | 220 | −185 | −123 | 268 | −180 |
| FARM | 0 | 453 | −65 | 296 | −64 | 109 |
| GRAIN IN COMMERCIAL CHANNELS | −108 | 79 | 6 | −28 | 6 | −15 |
| EXPORTS OUT OF ALBERTA | 31,304 | 22,175 | 23,636 | 23,705 | 24,777 | 27,213 |
| IMPORTS INTO ALBERTA | −19,183 | −18,143 | −19,191 | −21,212 | −22,301 | −23,676 |
| RESIDUAL | 1,201 | 749 | 1,657 | 1,877 | 2,243 | 2,241 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **63,524** | **56,553** | **58,758** | **62,554** | **66,748** | **72,580** |

(1) PRELIMINARY – SUBJECT TO REVISION

(2) CURRENT REFERS TO CURRENT OPERATING EXPENDITURES ON GOODS AND SERVICES, RATHER THAN FIXED CAPITAL EXPENDITURES

NOTE: THIS TABLE CAN ALSO BE RETRIEVED FROM ASIST, MATRIX 6100

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 3

## PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT INCOME BASED, (SELECTED COMPONENTS)

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | | | (PERCENT) | | | |
| WAGES, SALARIES AND SUPPLEMENTARY LABOUR INCOME | 6.6 | 2.5 | 2.0 | 9.0 | 8.5 | 8.2 |
| CORPORATION PROFITS | 6.5 | −48.3 | 34.2 | −11.2 | 3.8 | 9.2 |
| INTEREST AND MISCELLANEOUS INVESTMENT INCOME | 4.3 | −27.3 | −5.4 | 7.3 | 10.7 | 14.8 |
| ACCRUED NET INCOME OF FARM OPERATORS | 697.8 | 138.4 | −48.2 | 153.3 | −38.8 | −29.3 |
| NET INCOME OF NON−FARM UNINCORPORATED BUSINESS | 8.8 | 5.5 | 5.3 | 7.9 | 5.9 | 7.6 |
| CAPITAL CONSUMPTION ALLOWANCES | 5.5 | 6.5 | 2.1 | 3.0 | 6.5 | 3.8 |
| **GROSS DOMESTIC PRODUCT AT FACTOR COST** | **6.7** | **−11.5** | **3.5** | **5.8** | **7.0** | **8.0** |
| INDIRECT TAXES LESS SUBSIDIES | 57.2 | −8.3 | 79.4 | 26.2 | 8.8 | 16.1 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **7.1** | **−11.0** | **3.9** | **6.4** | **6.7** | **8.7** |

(1) PRELIMINARY – SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991

## TABLE 4

## PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT EXPENDITURE BASED, (SELECTED COMPONENTS)

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | | | (PERCENT) | | | |
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 8.4 | 6.5 | 4.4 | 7.5 | 9.0 | 7.5 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES | 6.0 | 3.2 | 1.8 | 4.3 | 6.4 | 6.6 |
| GROSS FIXED CAPITAL FORMATION | 10.3 | −8.7 | 3.6 | 18.8 | 1.6 | 10.8 |
| GOVERNMENT | 11.6 | 0.5 | −10.5 | −4.8 | 8.9 | 6.7 |
| BUSINESS | 10.0 | −10.3 | 6.4 | 22.7 | 0.7 | 11.4 |
| RESIDENTIAL CONSTRUCTION | 7.7 | 3.0 | 21.0 | 14.7 | 19.6 | 25.3 |
| NON−RESIDENTIAL CONSTRUCTION | 17.3 | −15.9 | −0.7 | 20.0 | −7.5 | 13.2 |
| MACHINERY AND EQUIPMENT | −1.2 | −5.5 | 11.5 | 31.6 | 3.3 | 1.2 |
| **FINAL DOMESTIC DEMAND** | **8.5** | **1.7** | **3.7** | **9.7** | **6.5** | **8.2** |
| EXPORTS OUT OF ALBERTA | 4.2 | −29.2 | 6.6 | 0.3 | 4.5 | 9.8 |
| IMPORTS INTO ALBERTA | 9.2 | −5.4 | 5.8 | 10.5 | 5.1 | 6.2 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **7.1** | **−11.0** | **3.9** | **6.4** | **6.7** | **8.7** |

(1) PRELIMINARY – SUBJECT TO REVISION

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 5

## GROSS DOMESTIC PRODUCT IN CONSTANT (1986) DOLLARS

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | (MILLIONS OF DOLLARS) | | | | | |
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 27,636 | 28,410 | 28,431 | 29,743 | 31,132 | 31,855 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES (2) | 10,024 | 9,942 | 9,681 | 9,665 | 9,855 | 9,910 |
| GROSS FIXED CAPITAL FORMATION (GFCF) | 13,764 | 12,668 | 13,188 | 15,362 | 15,068 | 16,113 |
| GOVERNMENT | 2,070 | 2,093 | 1,911 | 1,767 | 1,800 | 1,851 |
| BUSINESS | 11,698 | 10,575 | 11,277 | 13,595 | 13,268 | 14,262 |
| RESIDENTIAL CONSTRUCTION | 1,666 | 1,664 | 1,941 | 2,169 | 2,503 | 2,931 |
| NON–RESIDENTIAL CONSTRUCTION | 6,697 | 5,713 | 5,657 | 6,523 | 5,750 | 6,212 |
| MACHINERY AND EQUIPMENT | 3,351 | 3,198 | 3,679 | 4,903 | 5,015 | 5,119 |
| ADJUSTING ENTRY, BUSINESS GFCF | –16 | – | – | – | – | – |
| ADJUSTING ENTRY, GFCF | –4 | – | – | – | – | – |
| ADJUSTING ENTRY, FDD | 202 | – | – | – | – | – |
| **FINAL DOMESTIC DEMAND (FDD)** | **51,626** | **51,020** | **51,300** | **54,770** | **56,055** | **57,878** |
| INVENTORIES | 23 | 752 | –324 | –279 | 281 | 24 |
| NON–FARM | 133 | 220 | –171 | –112 | 240 | –149 |
| FARM | –30 | 453 | –154 | –116 | 31 | 188 |
| GRAIN IN COMMERCIAL CHANNELS | –80 | 79 | –1 | –51 | 10 | –15 |
| EXPORTS OUT OF ALBERTA | 23,240 | 22,175 | 24,028 | 26,612 | 26,139 | 26,344 |
| IMPORTS INTO ALBERTA | –19,655 | –18,143 | –19,081 | –20,638 | –21,452 | –22,768 |
| RESIDUAL | 1,069 | 749 | 1,625 | 1,885 | 2,120 | 1,955 |
| ADJUSTING ENTRY, GDP | –137 | – | – | – | – | – |
| **GROSS DOMESTIC PRODUCT (GDP) AT MARKET PRICES** | **56,166** | **56,553** | **57,548** | **62,350** | **63,143** | **63,433** |

(1) PRELIMINARY – SUBJECT TO REVISION

(2) CURRENT REFERS TO CURRENT OPERATING EXPENDITURES ON GOODS AND SERVICES, RATHER THAN FIXED CAPITAL EXPENDITURES; VALUES ARE IN CONSTANT (1986) DOLLARS

NOTE: THIS TABLE CAN ALSO BE RETRIEVED FROM ASIST, MATRIX 6102

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 6

## IMPLICIT PRICE INDEXES – GROSS DOMESTIC PRODUCT, 1986=100

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 96.5 | 100.0 | 104.3 | 107.2 | 111.6 | 117.3 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES | 96.1 | 100.0 | 104.5 | 109.2 | 114.0 | 120.7 |
| GROSS FIXED CAPITAL FORMATION | 100.8 | 100.0 | 99.5 | 101.5 | 105.2 | 109.0 |
| GOVERNMENT | 100.6 | 100.0 | 98.0 | 101.0 | 107.9 | 111.9 |
| BUSINESS | 100.8 | 100.0 | 99.8 | 101.6 | 104.8 | 108.6 |
| RESIDENTIAL CONSTRUCTION | 97.0 | 100.0 | 103.8 | 106.5 | 110.4 | 118.2 |
| NON–RESIDENTIAL CONSTRUCTION | 101.4 | 100.0 | 100.3 | 104.4 | 109.5 | 114.7 |
| MACHINERY AND EQUIPMENT | 101.0 | 100.0 | 96.9 | 95.7 | 96.6 | 95.7 |
| **FINAL DOMESTIC DEMAND** | **97.2** | **100.0** | **103.1** | **106.0** | **110.3** | **115.6** |
| EXPORTS OUT OF ALBERTA | 134.7 | 100.0 | 98.4 | 89.1 | 94.8 | 103.3 |
| IMPORTS INTO ALBERTA | 97.6 | 100.0 | 100.6 | 102.8 | 104.0 | 104.0 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **113.1** | **100.0** | **102.1** | **100.3** | **105.7** | **114.4** |

(1) PRELIMINARY – SUBJECT TO REVISION

NOTE: THIS TABLE CAN ALSO BE RETRIEVED FROM ASIST, MATRIX 6104

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 7

## PERCENTAGE CHANGE IN GROSS DOMESTIC PRODUCT CONSTANT (1986=100) DOLLARS, SELECTED COMPONENTS

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | | | (PERCENT) | | | |
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 5.2 | 2.8 | 0.1 | 4.6 | 4.7 | 2.3 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES | 2.1 | −0.8 | −2.6 | −0.2 | 2.0 | 0.6 |
| GROSS FIXED CAPITAL FORMATION | 7.5 | −8.0 | 4.1 | 16.5 | −1.9 | 6.9 |
| GOVERNMENT | 10.0 | 1.1 | −8.7 | −7.5 | 1.9 | 2.8 |
| BUSINESS | 7.1 | −9.6 | 6.6 | 20.6 | −2.4 | 7.5 |
| RESIDENTIAL CONSTRUCTION | 6.0 | −0.1 | 16.6 | 11.7 | 15.4 | 17.1 |
| NON−RESIDENTIAL CONSTRUCTION | 12.5 | −14.7 | −1.0 | 15.3 | −11.9 | 8.0 |
| MACHINERY AND EQUIPMENT | −1.5 | −4.6 | 15.0 | 33.3 | 2.3 | 2.1 |
| **FINAL DOMESTIC DEMAND** | **5.3** | **−1.2** | **0.5** | **6.8** | **2.3** | **3.3** |
| EXPORTS OUT OF ALBERTA | 2.1 | −4.6 | 8.4 | 10.8 | −1.8 | 0.8 |
| IMPORTS INTO ALBERTA | 6.9 | −7.7 | 5.2 | 8.2 | 3.9 | 6.1 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **4.1** | **0.7** | **1.8** | **8.3** | **1.3** | **0.5** |

(1) PRELIMINARY – SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991

## TABLE 8

## PERCENT CHANGE FOR IMPLICIT PRICE INDEXES, 1986=100

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | | | (PERCENT) | | | |
| PERSONAL EXPENDITURE ON CONSUMER GOODS AND SERVICES | 3.0 | 3.6 | 4.3 | 2.8 | 4.1 | 5.1 |
| GOVERNMENT CURRENT EXPENDITURE ON GOODS AND SERVICES | 3.9 | 4.1 | 4.5 | 4.5 | 4.4 | 5.9 |
| GROSS FIXED CAPITAL FORMATION | 2.5 | −0.8 | −0.5 | 2.0 | 3.6 | 3.6 |
| GOVERNMENT | 1.4 | −0.6 | −2.0 | 3.1 | 6.8 | 3.7 |
| BUSINESS | 2.8 | −0.8 | −0.2 | 1.8 | 3.1 | 3.6 |
| RESIDENTIAL CONSTRUCTION | 1.6 | 3.1 | 3.8 | 2.6 | 3.7 | 7.1 |
| NON−RESIDENTIAL CONSTRUCTION | 4.2 | −1.4 | 0.3 | 4.1 | 4.9 | 4.7 |
| MACHINERY AND EQUIPMENT | 0.3 | −1.0 | −3.1 | −1.2 | 0.9 | −0.9 |
| **FINAL DOMESTIC DEMAND** | **3.0** | **2.9** | **3.1** | **2.8** | **4.1** | **4.8** |
| EXPORTS OUT OF ALBERTA | 2.1 | −25.8 | −1.6 | −9.5 | 6.4 | 9.0 |
| IMPORTS INTO ALBERTA | 2.1 | 2.5 | 0.6 | 2.2 | 1.2 | 0.0 |
| **GROSS DOMESTIC PRODUCT AT MARKET PRICES** | **2.8** | **−11.6** | **2.1** | **−1.8** | **5.4** | **8.2** |

(1) PRELIMINARY – SUBJECT TO REVISION

SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991

## TABLE 9

## GROSS DOMESTIC PRODUCT AT FACTOR COST (1), BY INDUSTRY

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(9) |
|---|---|---|---|---|---|---|
| | (MILLIONS OF DOLLARS) | | | | | |
| AGRICULTURE (2) | 1,747 | 2,267 | 1,970 | 2,651 | 2,314 | 2,217 |
| FORESTRY (3) | 143 | 149 | 163 | 187 | 211 | 231 |
| MINING | 15,490 | 9,115 | 10,540 | 10,174 | 10,784 | 12,240 |
| MANUFACTURING | 4,591 | 4,751 | 4,847 | 5,130 | 5,380 | 5,663 |
| CONSTRUCTION | 2,869 | 2,821 | 3,029 | 3,520 | 3,947 | 4,537 |
| TRANSPORTATION (4) | 3,734 | 3,879 | 4,104 | 4,273 | 4,532 | 4,879 |
| UTILITIES | 1,942 | 1,972 | 2,069 | 2,301 | 2,476 | 2,540 |
| TRADE (5) | 5,188 | 5,380 | 5,632 | 6,189 | 6,764 | 7,040 |
| FINANCE (6) | 14,150 | 11,681 | 11,138 | 11,441 | 12,390 | 13,337 |
| FINANCE – EXCLUDING NATURAL RESOURCE ROYALTIES | 9,237 | 9,094 | 9,122 | 9,368 | 10,281 | 10,844 |
| SERVICES (7) | 10,264 | 10,641 | 11,100 | 11,951 | 13,093 | 14,161 |
| PUBLIC ADMINISTRATION (8) | 3,046 | 3,217 | 3,257 | 3,363 | 3,576 | 3,889 |
| **GROSS DOMESTIC PRODUCT AT FACTOR COST** | **63,165** | **55,871** | **57,849** | **61,182** | **65,467** | **70,732** |

(1) GDP AT MARKET PRICE IS OBTAINED BY ADDING INDIRECT TAXES LESS SUBSIDIES, PLUS RESIDUAL; SEE TABLE 2

(2) INCLUDES FISHING AND TRAPPING

(3) INCLUDES ONLY LOGGING AND SERVICES INCIDENTAL TO FORESTRY; EXCLUDES SAWMILLS, PULP AND PAPER MILLS, ETC. WHICH ARE INCLUDED IN MANUFACTURING

(4) INCLUDES STORAGE AND COMMUNICATIONS

(5) INCLUDES RETAIL AND WHOLESALE TRADE

(6) INCLUDES INSURANCE AND REAL ESTATE; ALSO INCLUDES NATURAL RESOURCE ROYALTIES

(7) INCLUDES COMMUNITY, BUSINESS AND PERSONAL SERVICES

(8) INCLUDES FEDERAL, PROVINCIAL AND LOCAL GOVERNMENT ADMINISTRATION; DOES NOT INCLUDE PUBLIC SCHOOLS AND PUBLIC HOSPITALS WHICH ARE INCLUDED IN SERVICES

(9) PRELIMINARY – SUBJECT TO REVISION

NOTES: COMPONENTS MAY NOT ADD TO TOTALS DUE TO ROUNDING

THIS TABLE CAN ALSO BE RETRIEVED FROM ASIST, MATRIX 6101

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**

## TABLE 10

## PERCENT CHANGE IN GROSS DOMESTIC PRODUCT AT FACTOR COST, BY INDUSTRY

| | 1985 | 1986 | 1987 | 1988 | 1989 | 1990(1) |
|---|---|---|---|---|---|---|
| | | | (PERCENT) | | | |
| AGRICULTURE (2) | 30.9 | 29.8 | −13.1 | 34.6 | −12.7 | −4.2 |
| FORESTRY (3) | 9.2 | 4.2 | 9.4 | 14.7 | 12.8 | 9.5 |
| MINING | 6.2 | −41.2 | 15.6 | −3.5 | 6.0 | 13.5 |
| MANUFACTURING | 6.8 | 3.5 | 2.0 | 5.8 | 4.9 | 5.3 |
| CONSTRUCTION | 0.6 | −1.7 | 7.4 | 16.2 | 12.1 | 14.9 |
| TRANSPORTATION (4) | 5.3 | 3.9 | 5.8 | 4.1 | 6.1 | 7.7 |
| UTILITIES | 10.0 | 1.5 | 4.9 | 11.2 | 7.6 | 2.6 |
| TRADE (5) | 8.4 | 3.7 | 4.7 | 9.9 | 9.3 | 4.1 |
| FINANCE (6) | 5.6 | −17.4 | −4.6 | 2.7 | 8.3 | 7.6 |
| FINANCE – EXCLUDING NATURAL RESOURCE ROYALTIES | 10.7 | −1.5 | 0.3 | 2.7 | 9.7 | 5.5 |
| SERVICES (7) | 7.5 | 3.7 | 4.3 | 7.7 | 9.6 | 8.2 |
| PUBLIC ADMINISTRATION (8) | 3.6 | 5.6 | 1.2 | 3.3 | 6.3 | 8.8 |
| **GROSS DOMESTIC PRODUCT AT FACTOR COST** | **6.7** | **−11.5** | **3.5** | **5.8** | **7.0** | **8.0** |

(1) PRELIMINARY – SUBJECT TO REVISION

(2 to 8) SEE TABLE 9

**SOURCE: ALBERTA BUREAU OF STATISTICS, SEPTEMBER, 1991**